

## **Section 8 - West Colorado River Basin Water Funding Programs**

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# Section 8

## West Colorado River Basin - Utah State Water Plan

# Water Funding Programs

### 8.1 Introduction<sup>17</sup>

This section briefly describes state, federal and local funding sources available to help manage and conserve water resources in the West Colorado River Basin. State and federal agencies have funds available for planning and construction of water projects. Generally, the planning funds are not a part of the project funds available for construction.

The planning programs of specific agencies are discussed in various sections of this basin plan. River basin planning by the Division of Water Resources and others responsible for preparing this document is discussed in Section 3. Other planning programs include the Division of Water Rights' funding for groundwater and related studies, U.S. Geological Survey stream gaging and groundwater measurement and modeling, Bureau of Land Management and Forest Service watershed management planning, Corps of Engineers flood control studies, and Natural Resources Conservation Service river basin planning. Refer to the *State Water Plan* (1990), Section 3, Introduction, and Section 8, State and Federal Water Resources Funding Programs, for additional information.

### 8.2 Background

Initial water development funding in the basin began with "sweat equity" of the early pioneers. In the early 1900s, federal water development began with Scofield Reservoir and then later the Emery Project (Joes Valley and Huntington North reservoirs).

Most of the water developed in the early years was for agriculture. Much of the money spent in the last 10 years has been for municipal and industrial uses. Early state-funded water projects were built through the Water and Power Board (currently the

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**Funding water development and conservation requires the combined efforts of all concerned. It requires cooperation, persistence and ingenuity. This was true in the early days of settlement and is still required today. A reduced federal role in water-related funding is shifting responsibilities to state and local entities.**

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Board of Water Resources). Agricultural lands of Wayne County and many other counties of the basin have been put under sprinkler irrigation, with help from the Utah Board of Water Resources' revolving loan programs.

Price River Water Improvement District recently completed construction of an enlarged water treatment plant on the Price River. Total cost of the project was \$5.2 million. East Carbon City recently installed a new storage tank and culinary system improvements costing \$2.6 million. Torrey Town also recently made improvements to its culinary system, which cost \$390,000.

These are some examples of recent Board of Water Resources funded projects. See Table 9-1 for a complete listing of Board of Water Resources water projects for the West Colorado River Basin.

### 8.3 State Funding Programs

It is difficult to determine the total funds spent historically for planning and implementation of water and water-related projects in the West Colorado River Basin. One thing is certain, local entities and individuals provided much of the

financing from their own resources through either up-front funding or by repaying development loans. Tables 8-1 and 8-2 show the funding programs and the recent funding provided by state agencies for water-related projects. The time periods shown vary due to available data. Presently, funding for projects can be grants and/or loans and they can be provided by more than one agency. Funds for dam safety repairs are provided by the Board of Water Resources to help meet the requirements of the state Dam Safety Act.

#### **8.4 Federal Water Funding Programs**

Seven federal agencies have water funding programs. Most have funds available for construction of facilities. There are some agencies with funds available for planning. The Bureau of Reclamation has provided planning funds for water management purposes.

Funds available from the Environmental Protection Agency are generally distributed through state agencies. There are some grant funds available for water quality planning. Federal programs and expenditures for planning and construction are shown in Tables 8-3 and 8-4. Table 8-5 shows expenditures on large federal projects in the West Colorado River Basin by the U. S. Bureau of Reclamation.

#### **8.5 Local Water Funding Programs**

While all funding ultimately comes from the pockets of the taxpayers and the water users, this becomes more obvious at the local level. The local water users obtain their funds from more observable sources such as user fees, water company assessments, local taxes or from local private lending institutions. These are shown in Table 8-6. ●

Table 8-1 State Water-Related Funding Programs			
Funding Agency/Program	Contact	Purpose	Type
<u>Board of Parks and Recreation</u> Land and Water Conservation Fund Riverway Enhancement Program	Division of Parks and Recreation	Recreational facilities	Cost-Share
<u>Board of Water Resources</u> Revolving Construction Fund Cities Water Loan Fund Conservation & Development Fund Dam Safety	Division of Water Resources	Small irrigation/culinary projects Municipal culinary systems Large water projects Dam Safety studies	Loans Loans Loans Grants
<u>Community Development Block Grants</u> Block Grants	Division of Community Development	Rural living environment improvement	Grants
<u>Permanent Community Impact Board</u> Permanent Community Impact Fund Disaster Relief Board Fund	Division of Community Development	Rural living environment improvement Disaster repair	Grants/Loans Grants
<u>Safe Drinking Water Board</u> Financial Assis. Program <u>Soil Conservation Commission</u> Agriculture Resource Development Loan Nonpoint Source Program	Division of Drinking Water  Department of Agriculture and Food	Drinking water system  Improve private agricultural land Watershed improvement	Loans  Loans Grants
<u>Utah Wildlife Board</u> Wallop-Breaux Act <u>Water Quality Board</u> Revolving Construction Loan Program Federal Construction Grants State Loan Program	Division of Wildlife Resources  Division of Water Quality	Fish habitat and boating  Wastewater treatment facility Wastewater treatment facility	Grants  Loans Grants Loans

**Table 8-2  
State Water-Related Expenditures**

Funding Agency Program	Grants (\$1000)	Loans	Period
<u>Board of Parks and Recreation</u>			
Land and Water Conservation Fund	1,277	1,378	1966-1997
Riverway Grants	120		1990-1998
<u>Board of Water Resources</u>			
Cities Water Loan Fund		7,556	1976-1999
Conservation and Development Fund Revolving		7,789	1978-1999
Construction Fund		6,738	1947-1999
Dam Safety	111		1993-1999
<u>Community Development</u>			
Community Dev. Block Grants	1,815		1992-1996
<u>Permanent Community Impact Board</u>			
Permanent Community Impact Fund	40	270	1998
Disaster Relief Board Fund	61		1983
<u>Safe Drinking Water Board</u>			
Financial Assistance Program	178 <sup>a</sup>	1,250	
<u>Soil Conservation Commission</u>			
Agriculture Resource Dev. Loans		469	1993-97
<u>Water Quality Board</u>			
State Revolving Loan Program		2,542	1990-1997
<sup>a</sup> Includes all of Southeast Area Association of Governments.			

Table 8-3 Federal Water-Related Funding Programs			
Agency	Program	Purpose	Funds
<u>Department of Agriculture</u> <u>Farm Service Agency</u>	Ag. Conservation Program Emergency Cons. Program Cons. Resource Program	Soil, water, energy conservation Disaster damaged farmland rehab. Reduce erosion, maintain wetland	Grant Grant Grant
	Rural Development	Water supply, wastewater disposal	Grant, Loan
	Natural Resources Conservation Service	Flood control and water development Reduce sedimentation & flooding	Grant/Cost Share Grant/Cost Share
<u>Department of the Army</u> <u>Corps of Engineers</u>	Watershed Protection & Flood Prevention Emergency Watershed Program		
	Civil Works (Large Water Resource Projects) Continuing Auth. Programs	Flood protection, water supply, recreation, etc. Flood protection, environmental restoration.	Cost Share Cost Share
	Emergency Activities Flood Plain Mgt. Program	Flood protection Flood plain delineation	Cost Share Grant
	Nonpoint Source Program	Water quality	Grants
<u>Environmental Protect Agency</u>			
<u>Dept of the Interior</u> <u>Bureau of Reclamation</u>	Investigation Program	Water management	Loan
<u>Federal Emergency Management</u> <u>Agency</u>	Presidential-Declared Disaster Flood Plain Management	Damage mitigation Stream acquisition-flood plains	Grant Grant

<b>Table 8-4</b> <b>Federal Water-Related Expenditures</b>			
Funding Agency Program	Grants (\$1,000)	Loans (\$1,000)	Period
<u>Farm Service Agency</u> Agriculture Conservation Program	209		1993-1997
<u>Corps of Engineers</u> Civil Works Emergency Activities	200 5		1990-1997
<u>Rural Development</u> Rural Development	344	85	1990-1997
<u>Federal Emergency Management Agency</u> Presidential Declared Disaster	51		1983
<u>Natural Resources Conservation Service</u> Environmental Quality Improvement Program	689		1990-1997

<b>Table 8-5</b> <b>Large U.S. Bureau of Reclamation Project Expenditures</b>		
Project	Amount (\$1,000)	Completion Date
Scofield Dam (Gooseberry Project)	5,200	1926
Emery County Project	13,800	1966
Glen Canyon Dam	157,000	1956
Glen Canyon Dam Additions	<u>38,000</u>	1957 - Present
Total	214,000	

Note: Amounts only include construction costs. They do not include operation and maintenance costs.  
Source: USBR

<b>Table 8-6</b> <b>Local Funding Sources</b>		
Entity	Purpose	Type
Private Financial Institutions	Any Approved Water-Related Project	Loan
Cities and Towns	Water Systems	Bonding, Cash Flow
Western Farm Credit Bank	Agricultural Projects	Loans